



C750

Containerised Asphalt Batch Plant

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C750 60t/h Containerised Asphalt Batch Plant



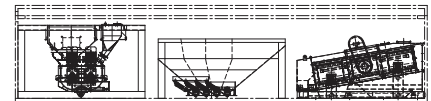
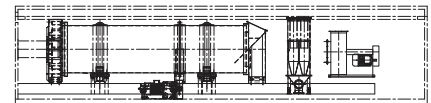
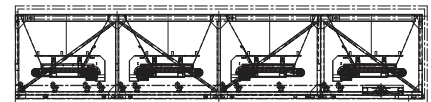
- Modular construction - plant designed to fit in standard containers
- Fast on-site erection and dismantling
- Factory pre-wired & fully tested
- Inverter controlled exhaust fan
- High efficiency burner
- Electronic loadcell weighing
- Microprocessor controls, housed in remote control cabin
- Dust filter with emissions less than 20mg/m³

Aggregate Feed Unit, Belt Feeders & Collecting Conveyor

Compact, robust, modular 4 hopper cold feed unit with highly accurate AC variable speed inverter controlled direct drive motor/gear units.



Container Shipping Arrangement



Aggregate Dryer

Easily transported aggregate dryer with advanced design of internal lifters optimizing thermal efficiency for maximum heat transfer. Choice of multi-fuel burners. Nylon support & thrust rollers reduce wear, vibration and noise.



Mixing Tower / Screen, Hot Storage, Weigh Gear + Paddle Mixer



Quick erect, modular tower; heavy duty aggregate screen with-in a fully sealed dust housing; access stairways and platforms for maintenance at all levels; load-cell mounted batch weigh hoppers for aggregate, bitumen & filler. Twin shaft, direct gear/motor drive high efficiency paddle mixer, hard wearing replaceable abrasive resistant liner plates, paddle arms and tips. Discharge to truck or mixed material storage facility.

Dependant on location the containerised range is available as standard with bag filter and fan unit for secondary dust collection achieving less than 20mg/m³.

Control system: insulated & clad control cabin with a range of advanced control options from keypad to PC based, fully automatic systems, with fully programmable recipe storage.

Specification

	Units	
Feed Hopper Capacity (Each) Heaped	m ³	8
Feed Hopper Loading Width	m	2.7
Belt Feeders Size (Width x Length)	mm	500 x 1200
Belt Feeders Drive Motor	kW	2.2
Collecting Conveyor Belt Width	mm	500
Collecting Conveyor Belt Drive Motor	kW	5.5
Dryer (Diameter x Length)	m	1.4 x 5.5
Dryer Drive Motor	kW	15
Hot Stone Elevator Drive Motor	kW	7.5
Screen Size (Width x Length)	m	1.2 x 3 (2 deck)
Screen Drive Motor	kW	5.5
Hot Stone Storage Hoppers	t	4 x 10
Paddle Mixer Capacity	kg	750
Paddle Mixer Drive Motors	kg	2 x 7.5

*Plant capacity is based on 3% moisture content of feed aggregate with 0.5% residual moisture content of mixed materials, dryer discharge temperature of 160°C, ambient temperature 15°C at altitude 150m above sea level, aggregate bulk density average 1600kg/m³, 5% bitumen content, 45 second weigh/mix cycle at 100% plant utilisation.

Note: Bag Filter Specification listed separated

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